

Falck Renewables - Next Solutions

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Falck Renewables Next Solutions presents "Energy storage next generation" at The Smarter E Europe 2022

Milan (ots) -

On the eve of the opening of **Intersolar**, the world's leading exhibition for the solar industry taking place in Munich from 11 to 13 May as part of **The Smarter E Europe 2022**, Falck Renewables Next Solutions launches **Energy Storage Next Generation**, the pre-engineered storage system to manage up to 1,44MWh per block. This compact and innovative solution is proposed by **SAET**, a company that recently joined **Falck Renewables Next Solutions**.

At their booth (**B5.130**) **SAET** presents their **Energy Storage Next Generation** and the features that set it apart from other products on the market.

It is a **plug & play** product, that is designed, sized and ready to be installed and used straightaway. At the same time, there is an extreme **flexibility** about **Energy Storage Next Generation** that shows:

- in its sizing - it is optimized using Falck Renewables Next Solutions' proprietary microgrid simulation system;
- in its installation - the modules can in fact be placed in rows or coupled to form a block of 4 for a small footprint (5.8 MWh in a 13.55m x 2.44m container) thus ensuring maximum performance;
- in its technology - thanks to the possibility of using different types of batteries and the combination with different types of inverters;
- in its operation - thanks to the **PMS** (Power Management System), a digital control system integrated into the storage system. The PMS, thanks to Next Solutions' proprietary digital systems (in particular, the Energy Management System), allows the storage to be correctly managed, also enabling the battery to participate in ancillary network services, in stand-alone mode or associated with other assets.

Storage technology is a key element for the renewable energy sector, since it allows it to overcome the limits of non-programmability of these energy sources. Storage plants allow energy to be stored at peak production or when grid prices and conditions permit, and then send it back to the grid when production is low, on hold, or the grid needs support.

SAET, a Padua-based company leader in the design and construction of High Voltage electrical systems and Energy Storage systems, was **integrated into the Next Solutions division in July 2021**, bringing new skills and solutions offered by the **innovative and rapidly developing sector** that is **storage systems**. **SAET** dealing with network connections too, makes it a complete and expert interlocutor in the sector.

*"Being part of The Smarter E for the first time with the entire Falck Renewables Next Solutions is a prestigious showcase for such high-performance products and it fills us with pride", says **Marco Cittadini, Global Head of Falck Renewables Next Solutions**. "Energy storage is an industry with great potential for future development. With our solutions we are sure to bring added value to our clients and an important support to the stability and flexibility of the network, this is also thanks to Next Solutions being present throughout the energy supply chain."*

Pressekontakt:

Martina Pavan
martina.pavan@energyteam.it
+39 3272023143

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